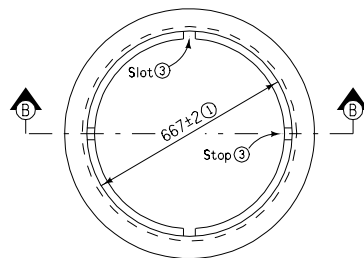
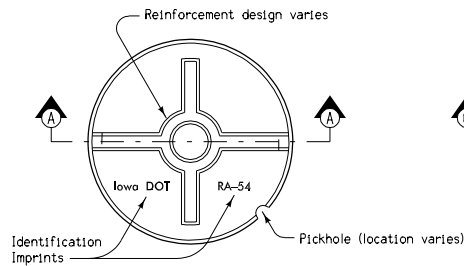


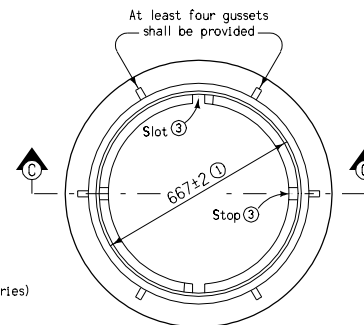
PLAN OF COVER TOP



PLAN OF FRAME

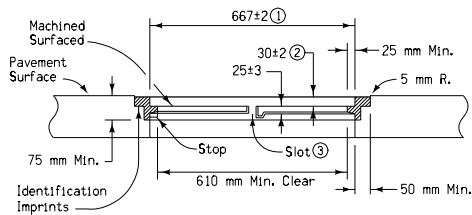


PLAN OF COVER BOTTOM



PLAN OF FRAME

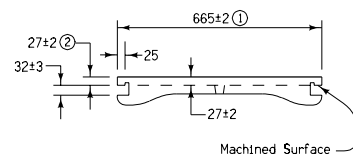
- ① Machining of vertical surfaces will be allowed if needed to conform to dimensional requirements.
- ② After machining.
- ③ Slots and stops for retaining lug are to be provided at 180 degrees as shown.



SECTION B-B

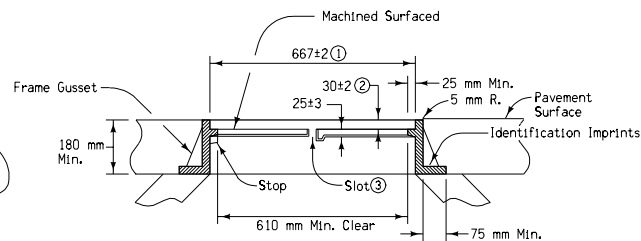
TYPE 1 FRAME

SLAB TYPE FOR CAST UTILITY ACCESSES



SECTION A-A

COVER DETAILS



SECTION C-C

TYPE 2 FRAME

NECK BEARING TYPE FOR BUILT-UP UTILITY ACCESSES

MINIMUM MASS		
	Frame	Cover
Type 1	68 kg	66 kg
Type 2	104 kg	66 kg

All dimensions given in millimeters unless noted.

METRIC VERSION	M	Iowa Department of Transportation Highway Division	
		STANDARD ROAD PLAN	RA-54
		REVISION: Revise General Notes.	REVISION NO. 1
		APPROVED BY: <i>William J. Skan</i> DESIGN METHODS ENGINEER	REVISION DATE 10-21-03
		CAST UTILITY ACCESS COVER (Heavy)	